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UTILITY PATENT APPLICATION TRANSMITTAL

(New Nonprovisional Applications Under 37 CFR § 1.53(b))

Attorney Docket No. <u>014-2003</u>

264 U.S. PTC 10/761768

TO THE COMMISSIONER FOR PATENTS:

Transmitted herewith is the patent application of () application identifier or (X) first named inventor, Paul S. Buccos, entitled IOI
IMPLANTER SYSTEM, METHOD AND PROGRAM PRODUCT INCLUDING PARTICLE DETECTION, for a(n):

MIT LANTER STSTEM, METHOD AND TROOKAWITRODUCT	HITCHODING FARTICEE DETECTION, 101 a(11).
(X) Original Patent Application.	,
() Continuing Application (prior application not abandoned):	
() Continuation () Divisional () Continuat	ion-in-part (CIP)
of prior Application No, filed on	
() A statement claiming priority under 35 USC § 120 has	s been added to the specification.
	has been added to the specification. (for provisional conv.)
Enclosed are:	
(X) Specification; <u>21</u> Total Pages. (X) Dra	wing(s); 4 Total Sheets.
(X) Oath or Declaration:	
(X) A Newly Executed Combined Declaration and Po	ower of Attorney:
(X) Signed. () Unsigned.	() Partially Signed.
() A Copy from a Prior Application for Continuation	n/Divisional (37 CFR § 1.63(d)).
() Incorporation by Reference. The entire disc	losure of the prior application, from which a copy of the
	as being part of the disclosure of the accompanying
application and is hereby incorporated herei	
() Signed Statement Deleting Inventor(s) Nam	ed in the Prior Application. (37 CFR § 163(d)(2)).
	Return Receipt Postcard (2)
	Check in the amount of \$ for the Filing Fee
	Information Disclosure Citation (Form PTO-1449)
	Recordation Form Cover Sheet
	Assignment in 1 pg.
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() Other:	

CLAIMS AS FILED					
FOR	NO. FILED	NO. EXTRA	RATE	FEE	
Total Claims	22	2	\$18.00	\$36.00	
Independent Claims	4	1	\$86.00	\$86.00	
Multiple Dependent Claim Fe	e (if applicable)			\$0.00	
Assignment Recording Fee (if applicable)				\$40.00	
Basic Filing Fee			\$770.00		
			Total Filing Fee	\$952.00	

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Please charge \$ 952.00 to Deposit Account No. 50- the Commissioner is hereby authorized to charge any		

By: Mark Superko, Attorney of Record, Reg. No. 34,027

Date: 1 21 0 4

Address: Varian Semiconductor Equipment Associates, Inc.

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Gloucester, MA 01930

Phone: (978) 282-5915 Fax: (978) 281-3152 I hereby certify that this is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated below and is addressed to:

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